I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TFW

TPE

Dated: November 15, 2006 Signature

Docket No.: 63500A

(PATENT)

NOV 1 7 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inste Patent Application of: Mridula (Babli) Kapur, et al.

Application No.: 10/590,750

Confirmation No.: Unknown

Filed: March 18, 2005

Art Unit: N/A

For:

FILM LAYERS MADE FROM POLYMER

Examiner: Not Yet Assigned

FORMULATIONS

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the date of entry of the national stage of an international application as set forth in 37 CFR 1.491 (37 CFR 1.97(b)(2)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing

Application No.: 10/590,750 2 Docket No.: 63500A US

of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1512, under Order No. 63500A. A duplicate copy of this paper is enclosed.

Dated: November 15, 2006

Respectfully submitted,

James T. Hoppe

Registration No.: 35,899
THE DOW CHEMICAL CO.

2030 Dow Center

Midland, Michigan 48674

(979) 238-9039

NOV 17 2006 B

PTO/SB/08a/b (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Sub	Substitute for tom 1249A/B/PTO			Complete if Known		
Suc	stitute longing and 1070 D/1	10		Application Number	10/590,750	
IN	IFORMATIO	N DI	SCLOSURE	Filing Date	March 18, 2005	
S	STATEMENT BY APPLICANT			First Named Inventor	Mridula (Babli) Kapur	
				Art Unit	N/A	
	(Use as many s	heets as	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	63500A US	

		· · · · · · · · · · · · · · · · · · ·	U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-3,051,690	08-28-1962	Edwin J. Vandenberg	
	AB*	US-3,257,332	06-21-1966	Ziegler	
	AC*	US-3,741,253	06-26-1973	Harri J. Brax, et al.	
	AD*	US-3,456,044	07-15-1969	Heinz E. Pahlke	
	AE*	US-3,485,706	12-23-1969	Franklin J. Evans	
	AF*	US-3,645,992	02-29-1972	Clayton T. Elston	
<u>-</u>	AG*	US-3,914,342	10-21-1975	John H. Mitchell	
	AH*	US-4,076,698	02-28-1978	Anderson et al.	
·	Al*	US-4,314,912	02-09-1982	Lowery, Jr. et al.	
· -	AJ*	US-4,322,027	03-30-1982	Reba	
	AK*	US-4,340,563	07-20-1982	Appel et al.	
	AL*	US-4,352,849	10-05-1982	Mueller	
	AM*	US-4,413,110	11-01-1983	Kavesh et al.	
	AN*	US-4,547,475	10-15-1985	Glass et al.	
·	AO*	US-4,551,380	11-05-1985	Schoenberg	
	AP*	US-4,597,920	07-01-1986	Golike	
	AQ*	US-4,612,300	09-16-1986	Coleman, III	
		US-4,659,685	<u> </u>	Coleman, III et al.	
···-	AS*	US-4,663,220	05-05-1987	Wisneski et al.	
		US-4,668,566	05-26-1987	Braun	
-		US-4,820,557	04-11-1989		
		US-4,837,084	06-06-1989		
		US-4,865,902	09-12-1989	· · · · · · · · · · · · · · · · · · ·	
		US-4,927,708		Herran et al.	
		US-4,952,451	08-28-1990		
		US-4,963,419	10-16-1990		
		US-5,017,714		Welborn, Jr.	
		US-5,026,798	06-25-1991	Canich	
		US-5,055,438	10-08-1991	Canich	
		US-5,059,481	10-22-1991	Lustig et al.	
		US-5,064,802-A	11-12-1991	Stevens et al.	
		US-5,228,531		Patterson et al.	
 		US-5,272,236	12-21-1993		
		US-5,278,272	01-11-1994	- 	
 		US-5,360,648	11-01-1994		
		US-5,364,486	11-15-1994		
	AK1*	****	02-27-1996	<u> </u>	
		US-5,721,025	02-24-1998		
ļ		US-5,844,045		Kolthammer et al.	
		US-5,869,575		Kolthammer et al.	
		US-5,879,768	03-09-1999		
		US-5,942,579	08-24-1999		
		US-5,942,579	10-12-1999		
			11-02-1999		
		US-5,977,251	03-07-2000		
	TA91	US-6,034,022	103-01-2000	INICAGOTI et al.	

Examiner	Date	
Signature	Considered	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required	Complete if Known	
Substitute for form 1449A/B/PTO	Application Number	10/590,750
DICCLOSURE		March 18, 2005
INFORMATION DISCLOSURE		Mridula (Babli) Kapur
STATEMENT BY APPLICANT	Art Unit	N/A
(Use as many sheets as necessary)		Not Yet Assigned
	Attorney Docket Number	63500A US
Sheet 2 of 3	7 (101110)	

AT1* US-6,117,465	09-12-2000	Falla et al.
A11 03-0,117,199	10-03-2000	Cribbs et al.
AU1* US-6,127,484	03-25-2003	Cardwell et al.
AV1* US-6,538,070	00 10-2002	Kolthammer et al.
AW1 US-6,448,341	09-10-2002	
*	105 40 0000	Nummila-Pakarinen et al.
AX1* US-6,562,905	05-13-2003	Nullillia-i akamion st
AY1* US-6,566,446	05-20-2003	Parikh et al.
ATT [03-0,000,110		

		FOREIC	ON PATENT	DOCUMENTS	O Lung Lines	
Examiner	Cite	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
Initials*	No.'	EP-0799274-B1	10-08-1997	ExxonMobil Chemical Patents Inc.		<u> </u>
	BB	WO-0170827-A1	09-27-2001	Chevron Phillips Chemical Company LP		-
	ВС	WO-2004000933-A1	12-31-2003 10-09-1997	The Dow Chemical Company		+
	BD BE	WO-9736942 BE-1015053-A3	09-07-2004	Solvay Polyoletins Applied Materials Inc.		+
	BF BG	WO-0003414 WO-02074816	09-26-2002	- Compony		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next considered. Include copy of the IFW. 1 Applicant's applicant applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city	T ²
Initials	No. ¹	Colibration Curve for Gel	
	CA	Permeation Chromatography Using i Olyotyi and a contract of the contract of th	
		Polymer Letters, Vol. 6 (1966)	
	СВ	Variation of Light Scattering, Premininary (Courts of Scattering)	
	_	of Chemical Physics, Vol. 16, No. 12 (1948) PAVEL KRATOCHVIL, "Fundamental Light Scattering Methods," 113-144, Classical Light PAVEL KRATOCHVIL, "Fundamental Light Scattering Methods," 113-144, Classical Light	
	CC	Scattering from Polymer Solutions, New York, Education CRAYSON, and DAVID ECKROTH,	-
	CD	RAYMOND E. KIRK, DONALD F. OTTIMER, W. 1111-117, Kirk-Othmer Encyclopedia of "Olefin Polymers (High Pressure Polyethylene)," 416-417, Kirk-Othmer Encyclopedia of "Olefin Polymers (High Pressure Polyethylene)," 416-417, Kirk-Othmer Encyclopedia of "Olefin Polymers (High Pressure Polyethylene)," 416-417, Kirk-Othmer Encyclopedia of "Olefin Polymers" (1981)	
		Chemical Technology, 3rd ed., vol. 10, New 1011 CRAYSON, and DAVID ECKROTH,	
	CE	RAYMOND E. KIRK, DUNALD F. OTTIMER, Washington of Chemical Technology, 3rd ed., "Plastics Processing," 191-192, Kirk-Othmer Encyclopedia of Chemical Technology, 3rd ed.,	
1		Vol. 18, New York: John Wiley & Sons, (1001) Vol. 18, New York: John Wiley & Sons, (1001) Plastics and Their Fabrication," 19-27,	
	CF	WILMER A. JENKINS and JAMES P. HARRINGTON, Tributation of the Packaging Food With Plastics, Lancaster: Technomic Pub. Co., (1991)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

*EXAMINER: Initial if reference considered, whether or not citation is in conformance wit	in MPEP 609. Draw line through
*EXAMINER: Initial if reference considered, who we	Date
Examiner	Considered
Signature	

PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to			5, 110 persons are require	Complete if Known	
Substitute	e for form 1449A/B/	PTO		Application Number	10/590,750
				Filing Date	March 18, 2005
INFORMATION DISCLOSURE			PLICANT	First Named Inventor	Mridula (Babli) Kapur
STA	STATEMENT BY APPLICANT (Use as many sheets as necessary)			Art Unit	N/A
					Not Yet Assigned
					63500A US
Sheet	3	of	3	Allomey booker rumos	

considered. Include copy of this form with next communication to applicant.

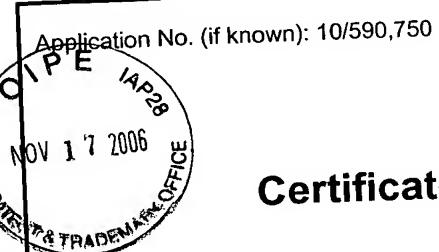
	Date	
Examiner	Considered	
Signature		

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No.: 63500A



Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

> MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Postcard

on	November 15, 2006 Date
	Linking Mure
	Signature
	Stephanie Muma
	Typed or printed name of person signing Certificate
	(979) 238-4311
	Tolophone Number
Regis	stration Number, if applicable
, , ,	
	Each paper must have its own certificate of mailing, or this certificate must identify
Note:	each submitted paper.
	IDS (Citation) by Applicant (64 References) (3 pages) Information Disclosure Statement (2 pages) References Cited (copies of foreign patent documents and non-patent
	literature) Certificate of Mailing (1 page)